#### TABLE OF CONTENTS

- 1. SUMMARY
- 2. DIFFERENTIAL PRESSURE (ΔP) READINGS
- 3. EXHAUST SYSTEM INSPECTION
- 4. DEMISTER CLEANING AND SERVICE
- 5. NON-ROUTINE MAINTENANCE AND REPAIRS
- 6. WATT METERS
- 7. STACK TESTS

#### **ATTACHMENTS**

- 1. ΔP READINGS LOG SHEET
- 2. INSPECTION LOG
- 3. DEMISTER CLEANING SCHEDULE LOG
- 4. NON-ROUTINE LOG
- 5. WATT METER LOG SHEET
- 6. STACK TEST RESULTS
- 7. CORRESPONDENCE WITH REGULATORY AGENCIES

#### 1. SUMMARY OF THE CONTROL SYSTEMS

Superior Plating Co. is a hard chrome and both electrolytic and electroless nickel plating job shop. In the hard chrome plating chromic acid mist is generated and is removed from the production areas by means of two exhaust systems:

- (1) 75HP 45,000 ACFM
- (2) 2-25HP 24,000 ACFM

These systems collect chromic acid mists at three locations:

- (1) at the plating tanks through a hood trap/collector where solution is pumped out on a weekly basis and recycled back to certain production tanks
- (2) sumps in the tunnel systems from condensation of the wet mist note: this solution is pumped out and recycled off-site
- (3) prior to the stack there are polyethylene wire mesh demisters which capture most of the remaining mist before leaving the stack. Since these demisters are operated dry, they require periodic cleaning to prevent severe fouling. The frequency of this cleaning is based on production and preliminary stack test results which indicate that at least monthly changes should be performed. (note: 3 month cleanings were performed on a routine basis and this will change ASAP).

#### 2. DIFFERENTIAL PRESSURE (ΔP) READINGS

Each exhaust system has a magnahelix differential pressure gauge which are located in the boiler room. They are labeled control device #1 and #2. Typically we get 1.35" from the 75HP and 0.45" from the twin 25HP exhaust systems. Daily readings of these devices are recorded in log sheets (attachment #1). As the filter media (a.k.a. Otto York demisters) begin to foul, the readings of these gauges should increase since the demisters are filling up with chromic acid liquid which decreases the pore sizes of the openings that in turn cause the pressure across the control devices to increase. The demisters are removed and cleaned while a replacement set is installed.

#### 3. EXHAUST SYSTEM INSPECTION

The present exhaust system requires the periodic inspection for leaks, vibration, equipment fatigue, and also the removal of concentrated chromic acid. The inspection is kept on a log (see attachment #2).

The solution that is recovered from the hood collectors is used as make-up solution for the porous pot chrome recycling operation. The solution recovered from condensate in the tunnels is recycled off-site. It is our goal to capture as much solution at the hoods (i.e. source reduction) as possible.

#### 4. DEMISTER CLEANING SCHEDULE LOG

The Demisters that are in each control device are enclosed in titanium baskets and fitted such that there are no leaks around any seams.

The 2-25 HP blower system (aka STACK #2) has one 6" high layer of these and are 10.5 ft x 9 ft across.

The 75 HP blower system (aka STACK #3) has two 6" high layers of these that are 10 ft x 10 ft across and are installed in a criss-crossed fashion to increase the efficiency of the demisters.

Due to it being a dry system, the filters are removed when they become saturated with chromic acid and cleaned in the wastetreatment plant with the following procedure:

- 1. Soaked in a caustic cleansing solution (typically are spent caustic cleaner)
- 2. Thoroughly rinsed using a pressure washing device until most of the build -up is removed
- 3. They are neutralized in a dilute (2-10%) HCl acid solution
- 4. The demisters are thoroughly rinsed and allowed to dry
- 5. They are stored safely for their next use

The frequency of these cleanings are based on preliminary stack test results and production demands. The usual cleaning program was every three months, however we are instituting a more rigorous schedule of every two weeks to prevent them from becoming saturated (see attachment 3).

#### 5. NON-ROUTINE MAINTENANCE AND REPAIRS

As the control equipment is repaired, a log of what service is performed is kept: ( see attachment #4).

#### 6. WATT METERS

The watt meters are installed in the switchbox room and are in the process of being evaluated for its use in determining a quantitative means of scheduling the cleaning of the demisters. If this method is acceptable, a variable cleaning schedule will exist. However we will clean them on a bi-weekly basis until such procedures are implemented.

The watt meter readings will be kept on a log (see attachment #5).

#### 7. STACK TESTS

All stack test records will be kept in this manual ( see attachment #6). The limits for such test are: 0.015mg/dscm.

Superior will evaluate any stack test results and take appropriate action to ensure compliance.

DATE	TIME	CD#1 ΔP	CD#2 ΔP	COMMENTS	INT
5.21.98	8'.00 A	0.62	0.42		Fu
5.2298	8.00A	0.62	6,42		Jun
5.2698	7:45A	0.64	0.42		Jun
5.2798	A GO.'8	0.64	6,43		Jm
5.2898	8.000	0.64	243		Jun
5.2988	8:30A	0.65	0,43		Jun
6.1.98	8:30A	0.65	0.42		Fu
6.298	8.30A	0.63	0.42		JWA
6.398	78130A	0.65	0.42		Jun
6.498	8'00A	0.61	0.40		Jun
6.598	81.300	0.69	0,0		Jwn
6.8.98	8:30/2	0.65	0.42	and the second second	Jun
6.9.98	8:30A	0.65	0.42		Jwm
6:1098	8:00A	0.65	0.42		Jwn
6-11.98	8'00A	0.66	6.43		Jun
6.12.98	8.00A	0.67	0.43		Jun
6.1598	8,300	0,66	0,42	***	Jun

DATE	TIME	CD#1 ΔP	CD#2 ΔP	COMMENTS	INT
4.2398	8:30A	0.61	0.40		Jwn
4.2498	8:30A	0.60	0.40	Marking and the state of the st	Jun
4.2798	7:45A	0.60	0.40		Jun
4.28.98	7:45/2	0.60	0,40		Jwn
4.2998	7:450	0.60	0.40		Jum
4:3098	7:450	0.62	0,42		Jwn
5.1.98	7:450	0,65	0.45		JUM
5.498	A00.18	0.61	0.41		Jwn
5.598	8:30A	0,65	0.45		Jwn
5.698	8.00A	0.64	0.43		Jwn
5.798	8.00A	0.64	0.43		Jun
5.898	8:30A	0.62	0.47		Jwm
5.1198	7:30A	0.61	641		Jun
5.1298	8:002	0.61	0.4,		Jum
51398	8:00 A	0.61	0.41		Jwn
5.1498	8:30A	0.61	0.41		Swn
5.1598	8:15A	0.62	0,42		Jun
5.18.98	AG0:8	6.63	0.41		Jun
5,1998	8'.OUA	0.63	0,42		Jwn
5.20.98	8.00A	0.62	0.42		Jwn

DATE	TIME	CD#1 ΔP	CD#2 ΔP	COMMENTS	INT
3.25.98	8,00A	0,61	0.46		Jun
3.2698	8.00 A	0.61	0.46		Jun
3.2798	8:00A	0,65	0.49		Jwn
3.3098	8:001	6.65	0.49	A STATE OF THE STA	Jwn
3.3198	7:450	0.62	0.49		Jan
4.1.98	800A	0.62	0.45		Jwn
4.298	8'.00A	0.62	0.45		Jwn
4.398	8:30A	0.62	0,47		Jun
4,698	8:30 A	0.60	0.40	CHANGE FILTER	500
4798	8:30A	0.60	0.40		Jun
4,898	8:30A	0,59	0.40		Jwn
4.998	81.30A	0.60	0,40		Jun
4.1398	85.30A	0.61	0.40		JWM
4-14-98	8:30A	0.60	0.40		R.D
4.1598	8:30A	0,60	0,40		Jun
4.1698	8:304	0.60	0,40		Twn
4.1793	8:30A	0.61	0.41		Jwn
4.2098	8(30A	0,60	0.39		Jwn
4.2098	8:30A	0.61	0.40		Jwn
4.2295	8:30/	0.60	0.40		Jwn

DATE	TIME	CD#1 ΔP	CD#2 AP	COMMENTS	INT
2.2598	8'.00A	0.60	6,40		Ju
2.2698	8:007	0.66	0,40		Ja
2.26.98	8:00A	0.60	0,40		Jn
2.2798	8:00A	0.60	0.40		In
3.2.98	8.000	0.62	0.46	Fitters cleaned + Second Set mstrilled	Jun
3.3.98	800A	060	0.45		Ju
3.4.98	7:45A	0.66	0.45		Jn
3.598	8:15A	0.60	0.45		Jwn
3.698	7:45A	0.60	0.45		Tim
39,98	81.00A	0.60	0,45		Jwn
31098	8:00A	0.60	0.45	-	Jun
3.1198	8:00A	0.60	0,45		Jun
3.12.96	8'.OOA	0.60	0.45		Jwn
31398	800A	0,60	0,46		Jwn
3.16.95	10'.000	0.62	0.47		Jwn
31798	81.00A	0.61	0.46		Twn
318.98	8:00A	6.60	0.45		Jun
3.19.98	8.00A	0.61	0.46		Jwn
3.2098	8.00A	0,60	0.46		Jun
3.23.98	8:001	0.60	0,46		Jun

DATE	TIME	CD#1 ΔP	CD#2 ΔP	COMMENTS	INT
128.98	7:45A	0.62	0.40		Jun
12998	8:30/2	0,61	0.39		Jun
1.3098	7'.000	0.61	0.39		In
2.2.98	8.00A	0.61	0.40		Ju
2.398	8.150	0.61	0.40		Jun
2.498	8.15A	0.61	0,40		Jus
2.598	8:00p	0.60	0.38		Jwn
2.698	8:00A	0.60	0.39		Jim
2.9.98	8.00p	0.62	0.40		Jwn
2.10.98	8.00p	0.62	0.39		Jun
2.11.98	10'.00A	0,62	0,40		Ro
21298	7:45A	0.63	0.40		Jun
2-1398	7:300	0.62	0.39		Two
2.16.98	7:30A	0.65	0.40		Jwn
2.17.98	7:45A	0,65	0,40		Jwm
2.1898	8.00A	0.64	0.39		Jwn
2.1998	8.000	0.62	0.39		Jww
2.20.98	8'000	0.62	0.40	The state of the s	Jam
2.2398	S:00A	0.61	0,40		Jwn
2.2498	8:00A	0.60	0.39		Jwn

DATE	TIME	CD#1 ΔP	CD#2 ΔP	COMMENTS	INT
12-30-97	8:00 Am	0.61	0.45		R.D
12-31-97	8:00 Am	0.62	0.46		R.O
	HA	py No	5W YEA	R	
1.598	7:30A	0.62	0.49		Jn
1.6.98	7:45A	0,62	0,46		Jn
1.7.98	7:45A	0,62	0,46	A CONTRACTOR OF THE STATE OF TH	Ju
1.8.98	8'00A	0.62	0.46		Ju
19.98	8:00A	0.62	0.46		Ju
1.1298	A00.78	0.61	0.46	**************************************	Ju
1.1398	8.000	0.61	0.46		Jm
1.14.98	8:00A	0.61	0.46		Ju
1.15.98	8:15A	0.61	0.46		Ju
1.1698	8:00A	0.61	0.45		Jm
1.1998	8:00A	0.61	0.40		Jn
1.20 98	8000	061	0.40		Ju
1.2198	8:00A	0.61	0.40	, , , , , , , , , , , , , , , , , , , ,	Jn
1,2298	80.30A	0.61	6,39		In
1.23.98	8:30/4	0.67	0.39		Ju
1.2698	8:150	0.62	0,40		Jn
1.2798	7:000	120	0.40		J~

DATE	TIME	CD#1 ΔP	CD#2 ΔP	COMMENTS	INT
11.25	8.00a	1.69	0,47		Tim
11:26	8'00A	1,65	0,46		Jun
12.1	8.000	1.68	0,46		Jun
12.2	8.00	1.68	0.46		JWN
12.3	8'.00	1.68	0.46	A	Jwn
12.4	8:30	1.65	0.46		Jun
12.5	81.00	1.65	6,46		TWN
12.8	11:00	j. 70	0.47		Jun
129	B.00	1.70	0.47	40.4-10.	Jwn
12.10	8:15	1,69	0.46		Jww
12.11	10:30	1.69	0.47		Jun
12.12	8:00	1.69	0.46		Jun
12.15	8:00	1.70	0,46		Jwn
12.16	81.00	1,70	0,46		INN
12.17	8:00	1,70	0.46	A STATE OF THE STA	Jwn
12-18	800	0.62	0.46		Jww
12-19	8:00	0,63	0.46		P.D
12.22	800	0.62	0.46	Market State of the State of th	Ju
A.23	8:00	0,62	0,46		Twee
12-29	8:00	0.62	0.46		R.D

DATE	TIME	CD#1 ΔP	CD#2 ΔP	COMMENTS	INT
10.28.97	8: JA	1.69	0,74		Jwn
102997	8:15/	1.68	0,73		Jun
10.3097	8:00A	1.68	0,73		Jun
10.3197	8:15A	1.70	0.75		Jwn
11.3.97	800A	1.70	0.75		Jun
11.4.97	8:00A	1.67	0.73		Jun
11.597	7:450	1.68	0,74		Swn
11.697	8:00A	1.68	0,74		Jwn
11.7.97	8'.00A	1.70	0.75		Jan
11.10.97	8:150	1.08	0,74		Jun
11.11.97	8:.00A	1,64	0.46	SWITCH TO OLD FILTERS	Jwn
11.12.97	7:450	1.65	0.46		Jun
11:1397	7:45A	1.65	0.46		Jiwn
11.14.97	8:15A	1.68	0.46		Twn
11.1797	AG0.'8	1,68	0.46		Jwn
11 1597	8.00A	1.69	0.47		Jwn
11.19.97	8.00A	1.68	0.46		Swn
11-20-97	9:00 AM	1.68	0.47		RD
11.21.97	%:00 A	1.69	0.47		Jun
11:24:97	8:00A	1,69	0,48		Jwn

DATE	TIME	CD#1 ΔP	CD#2 ΔP	COMMENTS	INT
9.30,97	8:00	1.65	0,75		Jun
10,1.97	7:45	1.70	0.75		Jun
10,297	8.00	1.65	0,72		Jwn
10,397	8.00	165	0,72	,	Jun
10.697	8:00	1,70	0.75		Jun
10,797	8:00	1.70	0,75		Jwn
10.897	8'.00	1.71	0.75	way and the second	Jun
10.9.97	8.00	1.71	0.75		Jn
10.10.97	800	1.71	0.75		Jw-
10.1397	8:30	1,69	0.74		Jum
10.14.97	8:00	1,70	0.75		Jun
10.15.97	8:00	1,70	0.75		JWN
10.16.97	800	1.70	0.75		Jwn
10.17.97	800	1,69	0.73		JEN
10.00.97	8.00	1,70	0.75		Jwn
10.21.97	800	1.70	0,75		Jwn
10.2297	81.30	1.65	0.73		Twn
10.2397	8'00	1.68	0.73		Jon
10.2497	8:15	1.68	0,79		JWN
10 27.97	875	1,69	0,74		JWN

DATE	TIME	CD#1 ΔP	CD#2 ΔP	COMMENTS	INT
9.2.97	8.00	1.65	0.75	STACK TESTING DONE FRIDDY 8/29	Jun
9.397	8.00	1.65	0.75		Jun
9.497	8:00	1.62	0.75		Jwm
9,597	8'00	1.62	0.75		JWN
9.8.97	800	0.62	0.42	(Sight layer in Both	500
9.9.97	800	1.25	0.47		Jun
9,1097	800	0,62	0,47		500
9.11.97	8.00	0.65	0.47		JWM
9-12-97	9:00 A	0.65	0.47		R.D
9.15.97	8:00A	0.65	0,47		Sur
9.1697	8:00A	0.63	0,47		Jm
9.1797	8'00 A	0.63	0.47		Ju-
9.18.97	8:00A	0.65	0.47		Ju
9.19.97	7:30A	065	0.47		Jn
9.22.97	8.000	1,68	0.73		5m
9,2397	7:45A	1.65	0.75		Ju
9.2497	7:45A	1,60	0,73		Jm
9:2597	8:00A	1.65	0.75		Jm
9.26.97	7:450	1.65	0.75		Jun
9.99	7:45A	(.70	0.75		JWA

DATE	TIME	CD#1 ΔP	<b>CD#2</b> Δ <b>P</b>	COMMENTS	INT
8.1.97	8:30	0.45	1,47		Jun
8.497	10:30	0.45	1.45		JWM
8.597	8:30	0.45	1.45		Jun
8.6.97	81.30	0.45	1,45		Jun
8.7.97	10'.00	0.45	1.45		Jun
8-8.97	8:30	0.45	1,45		JWN
8.11.97	8:00	0.50	1.45	GOTH BLOWER CLEANE	Jun
8.1297	8:30	0.50	1.45		Jwn
8:1397	8:00	0.50	1.45	•	JWW
8.1497	8:00	0.50	1.45		JWM
8.15.97	8,00	0.50	1,45		Jun
8.1897	800	0.45	140	ON WEEKEND	Jun
8.1997	8:00	0.42	1,45		Jwn
8.2097	8:30	0,44	1,42		Jun
8.2197	800	0,44	1,42		Jwm
82297	800	0.44	1.42		Jum
8.2597	5:00	0.44	0.65	SETOF FILTERS	Jwn
8.2697	S' 00	0.44	0.64		Jun
8-27.97	7:45	0.44	0.62		Jun
8.2897	800	0.44	1.40	SET OF FLEERS PUT BAUK ON FURSTSS	JWN
8 2997	8,00	0.75	1.60		Jun

DATE	TIME	CD#1 ΔP	CD#2 ΔP	COMMENTS	INT
7-3-97	7:30Am	0.44	1.38		In
7-7-97	8.15 Am	0.45	1.48	Both sets of files Change 7-4-57	R.D
7-8-97	745 Am	0.45	1.40		Ju
7-9-97	8:15Am	0.45	1.40		5m
7.1097	8:30A	0.45	1.40		Ju
7-11.97	9'00A	0.45	1.42		an
7.1867	8:30A	0.45	1,40		Ju
7 18.97	8:30	0.45	1.42		Jm
7.15.97	8'.00	0.45	1.42		Jn
7.17.97	8:15	0.45	0.42		Jun
7.1897	8.30	0,45	1,40		Jun
7.21.97	8:30	0,45	1.45		Jun
7.2297	8:00	0,45	1,42		Jwn
7:2397	8:30	0.45	1,42	4	JWN
7.2497	8:30	0.45	1.42		Swin
7.2597	8:30	0.45	1.42		JWN
7.2898	8:30	0.45	1.42		Jun
7-29.90	8:30	0.45	1,42		Jun
7.3097	8:30	0.45	1,42		Swn
7.31.97	8:30	0.45	1.42		Jun

DATE	TIME	CD#1 ΔP	CD#2 ΔP	COMMENTS	INT
6-5-97	7:30Am	0.42	1.40		Jun
6-6-97	7:30Am	0.42	1.40		Su
6-9-97	7:45 Am	0.20	1.40	mober on	Fm
6-10-97	7:45AM	6.25/01	51.40	Turne's on 8:15 Am.	Im
6-11-97	8:00 Am	0.45	1.40		5
6-12-97	730AM	0.42	1.38		Fur
6-13-97	745 AM	0.42	1.38	4	Ju
6-16-97	7:30 AM	0.40	1.40		Jm
6-17-97	8:15AM	0.42	1.38		Im
6-18-97	7:30Am	0.42	138		Jm
6-19-97		0.42	138		hm
6-20-97	7:30 Am	0.42	1.38		Jm
6-23-97	7:45 Am	0.42	138		Jm
6-24-97	7:45AM	0.43	1.38		Ju
6-25-97	7:30 Am	0.44	1.39		In
6-26-97	7:45AA	0.42	1.38		Jr
6-27-97	8:00An	0.42	1.38		In
6-30-97	8:30AM	0.42	1.38		Jr-
7-1-97	8:15 Am	0.42	1.38		Su
7-2-97	8:30Am	0.44	1.38		In

DATE	TIME	CD#1 ΔP	<b>CD#2</b> Δ <b>P</b>	COMMENTS	INT
5-7-97	7:45 Am	0.15	1.35		In
5-8-97	8:15 AM	0.15	1.35		Ju
5-9-97	7:30Am	0.15	1.35		Ju-
5-12-97	7:45AM	0.46	1.35	(repairs complete)	Ju
5-13-97	7:45 Am	0.45	1.35		Ju
5-14-97	7:45 Am	0.45	1.35		Jm
5-15-97	730 Am	0.45	1.35		Jn
5-16-97	730 Am	0.46	1.35		Jn
5-19-97	730Am	0.46	135		Im
5-20-97	730 Am	0.46	1.35		In
5-21-97	745 AM	0.45	1.35		Im
5-22-97	7:30 Am	0.45	1.35	,	Im
5-23-97	7:45 AM	0.45	1.35		Sw
5,27-97	745AM	0.42	1.35		500
5-28-97	745 AM	0.41	1.35		Jun
5-29-97	7:45 AM	0.42	1.38		In.
5-30-97	7:30Am	0.42	138		500
6-2-97	7:45 Am	0.45	1.40		Su
6-3-97	8:30 Am	0.42	1.40		Ju
6-4-97	7:45Am	0.42	140	×	Ju

DATE	TIME	CD#1 ΔP	CD#2 ΔP	COMMENTS	INT
4-9-97	7:15 Am	0.42	1.35		Fin
4-10-97	7:45 Am	0.42	1.35		Ju
4-11-97	7:15 Am	0.42	1.35		Jw
4-14-97	7:30Ar	0.44	1.32		In
4-15-97	7:15 Am	0.45	1.32		Jun
4-16-97	8:00 Am	0.45	1.32		Jm
4-17-97	8:00 Am	0.45	1.32		Jm
4-18-97	7:30 Am	0.44	1.33		Jm
4-21-97	7:30Am	0.44	1.33		In
4-22-97	7:30 Am	0.44	1.33		Im
4-23-97	7:30 Am	0.44	1.33		Jm
4-24-97	7:45 Am	0.47	1.37		Im
4-25-97	7:30Am	0.45	1.32		In
4-28-97	9:00 Am	0.44	1.32		R.D
4-29-97	7:45 Am	0.45	1.3)		R.D
4-30-97	8:15 Am	0.45	1.32		R.D
5-1-97	8:00Am	0.45	1.33		R.D.
5-2-97	7:45 Am	0.44	1.31		R.0
5-5-97	7:15Am	0.20	1.35	motor running	Ju
5-6-97	7:30 Am	0.20	1.35	1, 1,	Sm

DATE	TIME	CD#1 ΔP	CD#2 ΔP	COMMENTS	INT
3-11-97	7:30Am	0.42	1.20		Jun
3-12-97	7:15AM	0.40	1.20		Jm
3-13-97	7:30Am	0.42	1.20		Jun
3-14-97	7:45 Am	0.42	1.20		Ju
3-17-97	7:30Am	0.40	1.19		Jm
3-18-97	7:15 Am	0.38	1.20		Im
3-19-97	7:30An	0.42	1.20		Jun
3-20-97	7:45 Am	0.42	120		Jm
3-21-97	7:30 Am	0.42	1.20		Ju
3-24-97	7:15Am	0.42	1.22		Ju
3-25-97	7:45 Am	0.42	1.38	975 HP Strike Cleaned and double light of fixed instilled	P.D
3-26-97	7:45 Am	0.42	1.35	FIRE WHILE	Jun
3-27-97	7:30Am	0.42	1.35		Jw
3-31-97	\$00Am	0.42	1.35		Im
4-1-97	8:00 Am	0.42	1 35		In
4-2-97	7:45 Am	0.45	1.35		Fu
4-3-97	7:15 Am	0.42	1.35		In
4-4-97	7:15Am	0.42	1.35		Jw.
4-7-97	7:45Ar	0.42	1.35		In
4-8-97	7:45 Am	0.42	1.35		Ju

DATE	TIME	CD#1 ΔP	CD#2 ΔP	COMMENTS	INT
2-11-97	7.45Am	0.42	1.20		Sw
2-12-97	7:45AM	0.42	1.20		Fun
2-13-97	7:30AM	0.44	1.21		Jm
2-14-97	7:30AM	0.42	1.20		Jm
2-17-97	8:00 Am	0.42	1.20		Jm
2-18-97	7:15AA	0.42	1.21		Im
2-19-97	7:45 AM	0.42	1.21	e.	Jm
2-20-97	7:30Am	0.42	1.20		Jm
2-21-97	7:30Am	0.40	1.20		Jm
2-24-97	7:15AM	0.43	1.21		Jim
2-25-97	7:15Am	0.43	1.21		Ju
2-26-97	7:30Am	0.42	1.20		Jm
2-27-97	7:45Am	0.42	1.20		Ju
2-28-97	7:30An	0.42	1.20		Jun
3-3-97	7:15AM	0.40	1.21		Ja
3-4-97	7:30Am	0.39	1.20		In
3-5-97	7:30Am	0.40	1.20		12-
3-6-97	7:15Am	0.39	1.19		Jm
3-7-97	7:30Am	0.40	1.20		5~
3-10-97	7:30Am	0.39	1.20		In

DATE	TIME	CD#1 ΔP	CD#2 ΔP	COMMENTS	INT
1-14-97	7:30 AM	0.42	1.20		Tw.
1-15-97	7:30 Am	0.42	1.19		Jun
1-16-97	7:45AM	0.39	1.19		Ju
1-17-97	7:45 Am	0.41	1.19		Ju
1-20-97	7:30Am	0.40	1.19		Im
1-21-97	7:15 AM	0.40	1.19		Sm
1-22-97	7:15Am	0.40	1.19		Ju
1-23-97	7:15AM	0.40	1.19		5~
1-24-97	7:45 AM	0.41	1.19		Jm
1-27-97	7:30 Am	0.42	1.21		Jan
1-28-97	8:15 Am	0.39	1.20		50-
1-29-97	7:30Am	0.42	120		5-
1-30-97	7:30Am	0.42	1.19		Im
1-31-97	7:30Am	0.42	1.20		0,~
2-3-97	7:30 Am	0.40	1.20		In
2-4-97	7:30 AM	0.42	1.20		In
2-5-97	7:15Am	0.42	1.20		in
2-6-97	8:00 Am	0.42	1.20		In
2-7-97	7:30An	0.42	1.20		In
2-10-97	7:15Am	0.42	121		Jn

Is there any signs of leakage from the control device?  Is there any vibration which may cause damage to the equipment?  3. Are the fan motor and belts operating properly?  4. Is the stack structure corroding or degrading?  CONTROL DEVICE #3 (75HP)  1. Is there any signs of leakage from the control device?  yes □ no ☒  CONTROL DEVICE #3 (75HP)  1. Is there any vibration which may cause damage to the equipment?  3. Are the fan motor and belts operating properly?  4. Is the stack structure corroding or degrading?  yes □ no ☒  DUCT AND TUNNELS  1. Are there any signs of leakage from the ducts?  yes □ no ☒  DUCT AND TUNNELS  1. Is there any excessive solution in the tunnel sumps which may indicate a leak in the tunnel system?  # on ← 5-93    South a creat	DATE	6-4-98 9An	INSPECTOR	Richers	Durz	32
2. Is there any vibration which may cause damage to the equipment?  3. Are the fan motor and belts operating property?  4. Is the stack structure corroding or degrading?  CONTROL DEVICE #3 (75HP)  1. Is there any signs of leakage from the control device?  2. Is there any vibration which may cause damage to the equipment?  3. Are the fan motor and belts operating property?  4. Is the stack structure corroding or degrading?  DUCT AND TUNNELS  1. Are there any signs of leakage from the ducts?  2. Is there any excessive solution in the tunnel sumps which yes □ no ⋈  DUCT AND TUNNELS  2. Is there any excessive solution in the tunnel sumps which yes □ no ⋈  The property of the prope		CONTROL DEV	ICE # 2 (25 HP)			
equipment?  3. Are the fan motor and belts operating property?  4. Is the stack structure corroding or degrading?  CONTROL DEVICE #3 (75HP)  1. Is there any signs of leakage from the control device?  2. Is there any vibration which may cause damage to the equipment?  3. Are the fan motor and belts operating property?  4. Is the stack structure corroding or degrading?  DUCT AND TUNNELS  1. Are there any signs of leakage from the ducts?  2. Is there any excessive solution in the tunnel sumps which  yes □ no ▼  DUCT AND TUNNELS  1. Is there any excessive solution in the tunnel sumps which  yes □ no ▼  DUCT AND TUNNELS  2. Is there any excessive solution in the tunnel sumps which  yes □ no ▼	1.	Is there any signs of leakage from the	control device?	yes	□ no 🔀	
4. Is the stack structure corroding or degrading?  CONTROL DEVICE #3 (75HP)  1. Is there any signs of leakage from the control device?  2. Is there any vibration which may cause damage to the equipment?  3. Are the fan motor and belts operating properly?  4. Is the stack structure corroding or degrading?  DUCT AND TUNNELS  1. Are there any signs of leakage from the ducts?  yes □ no ▼  DUCT AND TUNNELS  1. Are there any excessive solution in the tunnel sumps which  may indicate a leak in the tunnel system?  ★ 2. 6-5-98	2.		e damage to the	yes	□ no 🔀	
CONTROL DEVICE #3 (75HP)  1. Is there any signs of leakage from the control device? yes □ no ☒  2. Is there any vibration which may cause damage to the equipment?  3. Are the fan motor and belts operating properly? yes ☒ no ☒  4. Is the stack structure corroding or degrading? yes □ no ☒  DUCT AND TUNNELS  1. Are there any signs of leakage from the ducts? yes □ no ☒  2. Is there any excessive solution in the tunnel sumps which yes □ no ☒  may indicate a leak in the tunnel system? ★ 22 6-5-93	3.	Are the fan motor and belts operating	properly?	yes	M no □	
1. Is there any signs of leakage from the control device?  2. Is there any vibration which may cause damage to the equipment?  3. Are the fan motor and belts operating properly?  4. Is the stack structure corroding or degrading?  DUCT AND TUNNELS  1. Are there any signs of leakage from the ducts?  2. Is there any excessive solution in the tunnel sumps which yes □ no ⋈  may indicate a leak in the tunnel system?	4.	Is the stack structure corroding or dep	grading?	yes	□ no 💢	
2. Is there any vibration which may cause damage to the equipment?  3. Are the fan motor and belts operating properly?  4. Is the stack structure corroding or degrading?  DUCT AND TUNNELS  1. Are there any signs of leakage from the ducts?  2. Is there any excessive solution in the tunnel sumps which yes □ no ⋈  may indicate a leak in the tunnel system?		CONTROL DEV	/ICE #3 (75HP)	•		
equipment?  3. Are the fan motor and belts operating properly?  4. Is the stack structure corroding or degrading?  DUCT AND TUNNELS  1. Are there any signs of leakage from the ducts?  2. Is there any excessive solution in the tunnel sumps which  may indicate a leak in the tunnel system?  **Tender of the stack of the	1.	Is there any signs of leakage from the	control device?	yes	□ no 🗷	
3. Are the fan motor and belts operating properly?  4. Is the stack structure corroding or degrading?  DUCT AND TUNNELS  1. Are there any signs of leakage from the ducts?  2. Is there any excessive solution in the tunnel sumps which  may indicate a leak in the tunnel system?  yes □ no ☒  no ☒  2. Is there any excessive solution in the tunnel sumps which  yes □ no ☒  yes □ no ☒  1. Are there any excessive solution in the tunnel sumps which  yes □ no ☒  1. Are there any excessive solution in the tunnel sumps which	2.	Is there any vibration which may caus	e damage to the	yes	□ no 又	
4. Is the stack structure corroding or degrading?  DUCT AND TUNNELS  1. Are there any signs of leakage from the ducts?  2. Is there any excessive solution in the tunnel sumps which  may indicate a leak in the tunnel system?  yes □ no ☒  yes □ no ☒  yes □ no ☒  yes □ no ☒		equipment?				
DUCT AND TUNNELS  1. Are there any signs of leakage from the ducts?  2. Is there any excessive solution in the tunnel sumps which  may indicate a leak in the tunnel system?  yes □ no ⋈  may indicate a leak in the tunnel system?	3.	Are the fan motor and belts operating	properly?	yes	⊠ no□	
<ol> <li>Are there any signs of leakage from the ducts? yes □ no ☒</li> <li>Is there any excessive solution in the tunnel sumps which yes □ no ☒</li> <li>may indicate a leak in the tunnel system?</li> </ol>	4.	Is the stack structure corroding or de	grading?	yes	□ no又	
2. Is there any excessive solution in the tunnel sumps which  may indicate a leak in the tunnel system?  ★ 22 6-5-98	•	DUCT ANI	TUNNELS			
may indicate a leak in the tunnel system?	1.	Are there any signs of leakage from t	he ducts?	yes	s□ no⊠	
may indicate a leak in the tunnel system?  Found 4 creck in 4 we line in tunnel. Tunnel of the internel.	2.	Is there any excessive solution in the	tunnel sumps which	yes	s□ no⊠	
found 4 creck in 4 we line in tunnel. Tunne pumped nut a line		may indicate a leak in the tunnel syste	em?	*	01 6-5-98	
Proper and a single				line	4 creck I'm 4.	c .
1 1 1 6 6		10		proper	art 7 pioc	re

DATE 5-7-98

INSPECTOR Richard Duraza

CONTROL DEVICE	# 2	(25 HP)
----------------	-----	---------

	CONTROL DEVICE #2 (25 HP)	×	
1.	Is there any signs of leakage from the control device?	yes □	по 🔀
2.	Is there any vibration which may cause damage to the equipment?	yes □	no 🔀
3.	Are the fan motor and belts operating properly?	yes.×	no 🗆
4.	Is the stack structure corroding or degrading?	yes □	no 🔀
	CONTROL DEVICE #3 (75HP)		
1.	Is there any signs of leakage from the control device?	yes □	no⊠
2.	Is there any vibration which may cause damage to the	yes □	no.又
	equipment?		
3.	Are the fan motor and belts operating properly?	yes 🛮	no 🗆
4.	Is the stack structure corroding or degrading?	yes □	no 💢
-	DUCT AND TUNNELS		
1.	Are there any signs of leakage from the ducts?	yes 🗆	no 🔀
2.	Is there any excessive solution in the tunnel sumps which	yes □	no 🗷
	may indicate a leak in the tunnel system?		

DATE	1 4-3-98 IN	SPECTOR	Richard	Dure	223
-	CONTROL DEVIC	E # 2 (25 B	<u>(P)</u>		
1.	Is there any signs of leakage from the con	ntrol device?		yes □	no 🕱
2.	Is there any vibration which may cause deequipment?	amage to the		yes □	no 🗷
3.	Are the fan motor and belts operating pro	operly?	*	yes 🗷	no 🗆
4.	Is the stack structure corroding or degrad	ding?		yes □	no 🗷
	CONTROL DEVIC	E #3 (75H	<u>P)</u>		
1.	Is there any signs of leakage from the cor	ntrol device?		yes □	no 🔀
2.	Is there any vibration which may cause de	amage to the		yes □	no 🗷
	equipment?				
3.	Are the fan motor and belts operating pro	operly?		yes. 🗷	no 🗆
4.	Is the stack structure corroding or degrad	ling?		yes □	no 🖳
	DUCT AND T	UNNELS			
1.	Are there any signs of leakage from the d	lucts?		yes □	no 🔀
2.	Is there any excessive solution in the tunn	nel sumps wh	nich	yes □	no 🌭
	may indicate a leak in the tunnel system?				

# DATE 3-5-98

# INSPECTOR ficher Durano

•	CONTROL DEVICE #2 (25 HP)		
1.	Is there any signs of leakage from the control device?	yes □	noÆ
2.	Is there any vibration which may cause damage to the equipment?	yes □	поЖ
3.	Are the fan motor and belts operating properly?	yes 📐	no 🗆
4.	Is the stack structure corroding or degrading?	yes □	no.🔀
	CONTROL DEVICE #3 (75HP)		
1.	Is there any signs of leakage from the control device?	yes □	no 🔀
2.	Is there any vibration which may cause damage to the equipment?	yes □	no 🖳
3.	Are the fan motor and belts operating properly?	yes⊀	no 🗆
4.	Is the stack structure corroding or degrading?	yes □	no.R
	DUCT AND TUNNELS		
1.	Are there any signs of leakage from the ducts?	yes □	no 💢
2.	Is there any excessive solution in the tunnel sumps which	yes □	no.À

DATE	12-6-98 INSPECTOR Richard	1)0/2223
	CONTROL DEVICE # 2 (25 HP)	
1.	Is there any signs of leakage from the control device?	yes□ no 🔀
2.	Is there any vibration which may cause damage to the equipment?	yes□ no⊠
3.	Are the fan motor and belts operating properly?	yes ⋉ no 🏻
4.	Is the stack structure corroding or degrading?	yes □ no 🗷
	CONTROL DEVICE #3 (75HP)	
1.	Is there any signs of leakage from the control device?	yes □ no 🔀
. 2.	Is there any vibration which may cause damage to the equipment?	yes□ no 🖳
3.	Are the fan motor and belts operating properly?	yes.⊠ no □
4.	Is the stack structure corroding or degrading?	yes □ no 🗗
	DUCT AND TUNNELS	
1.	Are there any signs of leakage from the ducts?	yes□ no ⊠
2.	Is there any excessive solution in the tunnel sumps which	yes □ no 🎖
	may indicate a leak in the tunnel system?	
{ Note :	polypro 2" balls were added to 911 except #18 to reduce emissioner + 6 Has reduced hook chrome + chrome in	Plaking temes  adaporation los  the tunes

DATE	1-7-98 1030Am INSPECTOR Richard	Dur	1220
_	CONTROL DEVICE #2 (25 HP)		
1.	Is there any signs of leakage from the control device?	yes 🗆	no 🔀
2.	Is there any vibration which may cause damage to the equipment?	yes □	no 🔀
3.	Are the fan motor and belts operating properly?	yes.X	no 🗆
4.	Is the stack structure corroding or degrading?	yes □	no 🔀
	CONTROL DEVICE #3 (75HP)		
1.	Is there any signs of leakage from the control device?	yes □	no 💆
2.	Is there any vibration which may cause damage to the	yes □	no ⊠
	equipment?		
3.	Are the fan motor and belts operating properly?	yes#	no 🗆
4.	Is the stack structure corroding or degrading?	yes □	no 🎘
	DUCT AND TUNNELS		
1.	Are there any signs of leakage from the ducts?	yes □	no 🗷
2.	Is there any excessive solution in the tunnel sumps which	yes □	no X
	may indicate a leak in the tunnel system?		

DATE	INSPECTOR CLARE	DURZZ	<u>م</u>
-	CONTROL DEVICE # 2 (25 HP)		
1.	Is there any signs of leakage from the control device?	yes □	no 💢
2.	Is there any vibration which may cause damage to the equipment?	yes □	no及
3.	Are the fan motor and belts operating properly?	yes.X	no 🗆
4.	Is the stack structure corroding or degrading?	yes 🗆	no 🖳
	CONTROL DEVICE #3 (75HP)		
1.	Is there any signs of leakage from the control device?	yes □	no.
2.	Is there any vibration which may cause damage to the	yes □	no.∡
	equipment?		
3.	Are the fan motor and belts operating properly?	yes⊋	no 🗆
4.	Is the stack structure corroding or degrading?	yes □	⊼con
	DUCT AND TUNNELS		
1.	Are there any signs of leakage from the ducts?	yes □	no 🔀
2.	Is there any excessive solution in the tunnel sumps which	yes 🗆	no 🏿
	may indicate a leak in the tunnel system?		

INSPECTOR Richard Durazzo DATE 11-7-97 8:00 AM CONTROL DEVICE # 2 (25 HP) Is there any signs of leakage from the control device? yes □ no 🏖 1. yes □ no 🔀 2. Is there any vibration which may cause damage to the equipment? yesx no □ Are the fan motor and belts operating properly? 3. Is the stack structure corroding or degrading? yes □ no 🗶 4. **CONTROL DEVICE #3 (75HP)** yes □ no又 Is there any signs of leakage from the control device? 1. Is there any vibration which may cause damage to the yes □ no 🗶 2. equipment? yes ⊠ no □ Are the fan motor and belts operating properly? 3. yes □ no 🔀 Is the stack structure corroding or degrading? 4. **DUCT AND TUNNELS** Are there any signs of leakage from the ducts? 1. pair of pents developed another leak. Maint notified. John b. to clear spit of apparent chome - cleaned 9 Am Is there any excessive solution in the tunnel sumps which yes □ no 🗓 2.

may indicate a leak in the tunnel system?

INSPECTOR Richard Durazzo DATE 10-16-97 11Am CONTROL DEVICE # 2 (25 HP) yes □ no 🗷 Is there any signs of leakage from the control device? 1. yes □ no 🗵 Is there any vibration which may cause damage to the 2. equipment? Are the fan motor and belts operating properly? yes ≰ no □ 3. Is the stack structure corroding or degrading? yes □ no 💢 4. CONTROL DEVICE #3 (75HP) yes □ no 🇷 Is there any signs of leakage from the control device? 1. Is there any vibration which may cause damage to the yes 🗆 no 🔀 2. equipment? yes∡ no □ Are the fan motor and belts operating properly? 3. yes □ no-X Is the stack structure corroding or degrading? 4. **DUCT AND TUNNELS** yes □ no 🔀 Are there any signs of leakage from the ducts? 1. "pair of Pents has been remine" yes □ no 🛭 Is there any excessive solution in the tunnel sumps which 2. may indicate a leak in the tunnel system?

DATE	9-(1-9) INSPECTOR (C.C.	DURSO	
	CONTROL DEVICE #2 (25 HP)		
1.	Is there any signs of leakage from the control device?	yes □	no√
2.	Is there any vibration which may cause damage to the equipment?	yes □	no 🗷
3.	Are the fan motor and belts operating properly?	yes⊠	no 🗆
4.	Is the stack structure corroding or degrading?	yes □	no 🔀
	CONTROL DEVICE #3 (75HP)		
1.	Is there any signs of leakage from the control device?	yes □	no ⊠
2.	Is there any vibration which may cause damage to the equipment?	yes □	no 🔀
3.	Are the fan motor and belts operating properly?	yes⊠	no 🗆
4.	Is the stack structure corroding or degrading?	yes □	no∵∑
	DUCT AND TUNNELS		
1.	Are there any signs of leakage from the ducts?	yes □	no 🐱
2.	Is there any excessive solution in the tunnel sumps which	yes □	no 🛭
	may indicate a leak in the tunnel system?		

DATE	8-8-97 INSPECTOR Richard	Dura	22w_
	CONTROL DEVICE #2 (25 HP)		
1.	Is there any signs of leakage from the control device?	yes □	no 🗷
2.	Is there any vibration which may cause damage to the equipment?	yes □	no√Z
3.	Are the fan motor and belts operating properly?	yes 🗶	no 🗆
4.	Is the stack structure corroding or degrading?	yes 🗆	no 💢
	CONTROL DEVICE #3 (75HP)		
1.	Is there any signs of leakage from the control device?	yes □	no 🗷
2.	Is there any vibration which may cause damage to the equipment?	yes □	no 🔀
3.	Are the fan motor and belts operating properly?	yes 🎘	no 🗆
4.	Is the stack structure corroding or degrading?	yes □	no 🔀
	DUCT AND TUNNELS		
1.	Are there any signs of leakage from the ducts?  75 HP- pair of pant section, ground some fittings was cleaned and needs to be repaire	yes 🕱	no a
2.	Is there any excessive solution in the tunnel sumps which	yes □	no 💢
	may indicate a leak in the tunnel system?		

### INSPECTOR Rich Dyrazzo DATE 7-2-97 CONTROL DEVICE #2 (25 HP) yes □ no 🗵 Is there any signs of leakage from the control device? 1. Is there any vibration which may cause damage to the yes □ no 🗷 2. equipment? Are the fan motor and belts operating properly? yes X no □ 3. yes 🗆 no 🖳 Is the stack structure corroding or degrading? 4. CONTROL DEVICE #3 (75HP) yes □ no 🔀 Is there any signs of leakage from the control device? 1. yes □ no 🔀 Is there any vibration which may cause damage to the 2. equipment? yes 🕱 no 🗆 Are the fan motor and belts operating properly? 3. yes □ no 🕱 Is the stack structure corroding or degrading? 4. **DUCT AND TUNNELS** yes □ no 🎗 Are there any signs of leakage from the ducts? 1. Is there any excessive solution in the tunnel sumps which yes □ no 🕱 2.

may indicate a leak in the tunnel system?

DATE	6-3-97 IN	ISPECTOR Richard	Duraz	20
	CONTROL DEVIC	CE #2 (25 HP)		
1.	Is there any signs of leakage from the co	ontrol device?	yes □	no 🗶
2.	Is there any vibration which may cause equipment?	damage to the	yes □	no 🗷
3.	Are the fan motor and belts operating pr	roperly?	yes∕X	no 🗆
4.	Is the stack structure corroding or degra	ading?	yes □	no⊠
	CONTROL DEVI	CE #3 (75HP)		
1.	Is there any signs of leakage from the co	ontrol device?	yes □	no 🔀
2.	Is there any vibration which may cause equipment?	damage to the	yes □	no≰
3.	Are the fan motor and belts operating p	roperly?	yes 🕱	no 🗆
4.	Is the stack structure corroding or degra	ading?	yes □	no 🏻
	DUCT AND	TUNNELS		
1.	Are there any signs of leakage from the	ducts?	yes □	no 🔀
2.	Is there any excessive solution in the tur	nnel sumps which	yes □	no 🔀
	may indicate a leak in the tunnel system	?		

DATE	5-6-97 INSPECT	TOR RILL	Dyrazzo	
	CONTROL DEVICE #2	(25 HP)		
1.	Is there any signs of leakage from the control de	evice?	yes □	no⊠
2.	Is there any vibration which may cause damage equipment?	to the	yes □	no 🌊
3.	Are the fan motor and belts operating properly?		yes₽	no 🗆
4.	Is the stack structure corroding or degrading?		yes □	no⊠
	CONTROL DEVICE #3	(75HP)		
1.	Is there any signs of leakage from the control de	evice?	yes □	no 🔀
2.	Is there any vibration which may cause damage	to the	yes □	no 🔀
	equipment?			
3.	Are the fan motor and belts operating properly	?	yes <b>⊠</b>	no 🗆
4.	Is the stack structure corroding or degrading?		yes □	no-K
	DUCT AND TUNNE	LS		
1.	Are there any signs of leakage from the ducts?		yes □	no ₹
2.	Is there any excessive solution in the tunnel sur	nps which	yes □	no⊠
	may indicate a leak in the tunnel system?			

### INSPECTOR Rich Durzzo DATE 4-9-97 CONTROL DEVICE #2 (25 HP) 1. Is there any signs of leakage from the control device? yes □ no⊠ Is there any vibration which may cause damage to the 2. yes □ no 🎗 equipment? Are the fan motor and belts operating properly? yes no □ 3. yes □ no 🎗 4. Is the stack structure corroding or degrading? CONTROL DEVICE #3 (75HP) Is there any signs of leakage from the control device? yes □ no 🔀 1. yes □ no 🗷 Is there any vibration which may cause damage to the 2. equipment? yes 🗷 no 🗆 3. Are the fan motor and belts operating properly? yes □ no 🗷 Is the stack structure corroding or degrading? 4. **DUCT AND TUNNELS** yes □ no 🗓 Are there any signs of leakage from the ducts? 1. yes 🗆 no 🖔 Is there any excessive solution in the tunnel sumps which 2.

may indicate a leak in the tunnel system?

	MONTHLY INSPECTION LOG		
DATE	3-3-97 INSPECTOR RICHARD	Dyrezz	وشر
	CONTROL DEVICE #2 (25 HP)		
1.	Is there any signs of leakage from the control device?	yes □	no 🇷
2.	Is there any vibration which may cause damage to the equipment?	yes □	no₽
3.	Are the fan motor and belts operating properly?	yes⊅	no 🗆
4.	Is the stack structure corroding or degrading?	yes □	no 🖳
	CONTROL DEVICE #3 (75HP)		
1.	Is there any signs of leakage from the control device?	yes □	no 🗷
2.	Is there any vibration which may cause damage to the	yes □	no 🍳
	equipment?		
3.	Are the fan motor and belts operating properly?	yes 🏖	no 🗆
4.	Is the stack structure corroding or degrading?	yes □	no⊋
	DUCT AND TUNNELS		
1.	Are there any signs of leakage from the ducts?	yes □	no 🖳
2.	Is there any excessive solution in the tunnel sumps which	yes □	no 🎗

may indicate a leak in the tunnel system?

DATE 2-3-9	7

# INSPECTOR Richard Dyrazzo

	CONTROL DEVICE #2 (25 HP)		
1.	Is there any signs of leakage from the control device?	yes 🗆	no ⊠
2.	Is there any vibration which may cause damage to the equipment?	yes □	no-又
3.	Are the fan motor and belts operating properly?	yes 🎗	no 🗆
4.	Is the stack structure corroding or degrading?	yes □	no 🗷
	CONTROL DEVICE #3 (75HP)		
1.	Is there any signs of leakage from the control device?	yes □	no 🗷
2.	Is there any vibration which may cause damage to the equipment?	yes □	no.Z
3.	Are the fan motor and belts operating properly?	yes⊅	no 🗆
4.	Is the stack structure corroding or degrading?	yes □	no 🗷
	DUCT AND TUNNELS		
1.	Are there any signs of leakage from the ducts?	yes 🗆	no 🔀
2.	Is there any excessive solution in the tunnel sumps which	yes □	no 🗷
	may indicate a leak in the tunnel system?		

				13171	
DATE CLEANED	COMMENTS	INT	DATE CLEANED	COMMENTS	INT
7-4-97		P.D	7-4-97		2.0
8-9-97	of see non-	R.D.	8-9-97		RID
8-16-97		R.0	8-16-97		R.D
8-28-97	ad Ekimre F.Ne	I FD	8-28-97	add Kinne Filks	F.0
9-8-97	Single lever only	P.0	9-8-97	single tager only	R.D
	Roth sets intelle	2 R.D	9-20-97	Both set inst.	R.D
11-10-97	Single layer of	d. R.O	12-17-97	single kyeronly	R.D
1-17-98	11 11 11	RD	2-21-98	ti it is	R.D
2-28-98	11 11 11	R.D	4-4-98	11 11	R.0
4-4-98	1, 11 11	R.D.			

#### NON-ROUTINE MAINTENANCE REPAIR LOG

List below any repairs to the control devices as they occur. Record the date, problem and the corrective action taken.

10-11-97 mint repaired (fiberglassed) a portion of
the (p) "pair of pants" section of the 75 HP exhaust

System, There was a small separation of the

Steel which was causing a leak to occur

especially when the system was turned on.

we would remove the chrome that emitted

with rass and caustic solution and waste

treat the residue. Note: As of 10-17-97 the problem

appears to be fixed. Also this part of the

System will be obsolete when the new exhaust

System is installed.

of pant, where chrome was leaking.

Note: Jan 1998 Add. polypro 9 nt pollution plant balls

to 911 Tanks except # 18. Used Solid one
in Stor. Tank ( Note: already hid most of the surface area
foll but added more to cover any openings) and Brpt. medical
#37 and (olt # 20) hollow balls went into all other
#18 presents a problem due to the work that they plate:

Rocky with parts on the Clips get known knocked off when
the racks are removed from the tanks

#### NON-ROUTINE MAINTENANCE REPAIR LOG

List below any repairs to the control devices as they occur. Record the date, problem and the corrective action taken.

5-5-97-5-9-97 repairs were made to a hinge on one of the 25HP motors.

8-9-97 Inspected the control devices prior to removing filtery.

Found No obvious source of leakage which would account to the high conc. of (r in the previous (7/29) stack too.

when we changed the filters we modified the 75 HP we put the old set of filko in the bottom with loose single ply makerial as a susker sandwiched between each basker incl. the edges.

Then we put the good ("New") sets on top. The sext was so tight that we had a difficult time prying the 10th bisket into the stack. This is the best seal we ever had and the goal now is to supper the air after one week.

8-23-97 Remared lover set of OTTO York Denisks from 75 HP Stack #3 as per Kimre, To prepare For Kimre Composite mest pick Style.

8-27-97 Inskilled a layer of Kimre Composik Mesh pads
75/148 to the top of the Otto York Denisters as per
Kimre Instructions (recommendations). Secured with
3" angle Irons

8-28-97 Sine is above done to 25 HP street. Also secures 75 HP Filter (were lifting).